



22713 U.S. PTO

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): TIEN-HSIN CHAO, JAY C. HANAN, GEORGE F. REYES and HANYING ZHOU
Docket: G&C 176.18-US-U1
Title: HOLOGRAPHIC MEMORY USING BEAM STEERING

22553 U.S. PTO
10/824722

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MAIL STOP PATENT APPLICATION

Commissioner for Patents

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Sir:

We are transmitting herewith the attached:

- ☒ Transmittal sheet, in duplicate, containing Certificate Of Mailing Under 37 CFR 1.10.
- ☒ Utility Patent Application: Spec. 30 pgs; 31 claims; Abstract 1 pg(s).
The fee has been calculated as shown below in the "Claims as Filed" table.
- ☒ 12 sheets of Formal Drawings
- ☒ A signed Combined Declaration and Power of Attorney
- ☒ Assignment of the invention to California Institute of Technology, Recordation Form Cover Sheet
- ☒ A charge to Deposit Account in the amount of \$1,226.00 to cover the Filing Fee
- ☒ A charge to Deposit Account in the amount of \$40.00 to cover the Assignment Recordation Fee.
- ☒ The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government. The name of the U.S. Government agency and the U.S. Government contract number are: NASA Under Grant No. NAS7-1407.
- ☒ Return postcard

CLAIMS AS FILED

Number of Claims Filed	In Excess of:	Number Extra	Rate	Fee
Basic Filing Fee				\$770.00
Total Claims				
31	20	11	x \$18.00 =	\$198.00
Independent Claims				
6	3	3	x \$86.00 =	\$258.00
MULTIPLE DEPENDENT CLAIM FEE				\$0.00
TOTAL FILING FEE				\$1,226.00

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